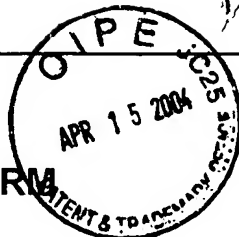


# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)



|  |  | Complete if Known    |                   |
|--|--|----------------------|-------------------|
|  |  | Application No.      | 10/721,216        |
|  |  | Filing Date          | November 26, 2003 |
|  |  | First Named Inventor | Ralph BURNS       |
|  |  | Group Art Unit       | 1632              |
|  |  | Examiner Name        |                   |
| Total Number of Pages in This Submission _____ |  | Attorney Docket No.  | 2599-104-C4       |
|  |  | Customer No.         | 6449              |
| ENCLOSURES (check all that apply)              |  | Confirmation No.     | 6271              |

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form                                | <input type="checkbox"/> Assignment Papers  | <input type="checkbox"/> After Allowance Communication to Group                            |
| <input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
| <input type="checkbox"/> Amendment/Reply                                     | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition   | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):            |
| <input type="checkbox"/> Express Abandonment Request                         | <input type="checkbox"/> Terminal Disclaimer  | 1. PTO/SB/08 Forms w/copies of cited foreign references (if)                               |
| <input checked="" type="checkbox"/> Information Disclosure Statement         | <input type="checkbox"/> Request for Refund   |  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)              | <input type="checkbox"/> CD, Number of CD(s)  |  |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application    |   |  |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |  |

REMARKS:

|                      |                                  |                          |         |                      |         |
|----------------------|----------------------------------|--------------------------|---------|----------------------|---------|
| SUBMITTED BY         |                                  | Complete (if applicable) |         |                      |         |
| NAME AND REG. NUMBER | Richard Wydeven, Reg. No. 39,881 |                          |         |                      |         |
| SIGNATURE            |                                  | DATE                     | 4-15-04 | DEPOSIT ACCT USER ID | 02-2135 |

L:\2599\2599-104\Con4\2599-104-C4.TRN.wpd



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/721,216  
Applicant : Ralph BURNS  
Filed : November 26, 2003  
TC/A.U. : 1632  
Examiner :  
  
Docket No. : 2599-104-C4  
Customer No. : 6449  
Confirmation No. : 6271

INFORMATION DISCLOSURE STATEMENT

**MS - DD**

Director of the United States Patent  
and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

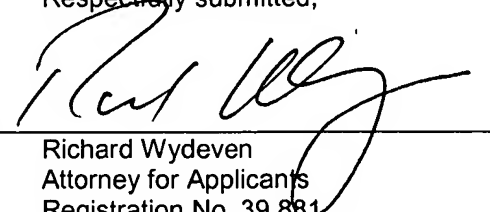
Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits herewith information that the Office may wish to consider in examination of the subject application. Materials submitted for consideration are listed on the attached form PTO/SB/08.

Copies of the US patent documents listed on the PTO/SB/08 are not being furnished in accordance with the August 5, 2003 OG notice of waiver of this requirement.

This IDS is being filed before a first Office Action on the merits and therefore no fee is being submitted herewith. The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 02-2135. An additional copy of this document is enclosed.

Respectfully submitted,

By

  
Richard Wydeven  
Attorney for Applicant's  
Registration No. 39,881  
ROTHWELL, FIGG, ERNST & MANBECK, p.c.  
Suite 800, 1425 K Street, N.W.  
Washington, D.C. 20005  
Telephone: (202)783-6040

Enclosures: Cited Foreign References

Date: April 15, 2004  
2599-104-C4.IDS.wpd

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(PTO/SB/08)



Complete if Known

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/721,216        |
| Filing Date            | November 26, 2003 |
| First Named Inventor   | Ralph BURNS       |
| Group Art Unit         |                   |
| Examiner Name          |                   |
| Attorney Docket Number | 2599-104-C4       |
| Customer No.           | 6449              |

Sheet 1 of 21 Confirmation No.

## U.S. PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 1                        | 6,165,778            |                                      | KEDAR  | 12-26-2000   |
|                       | 2                        | 6,143,578            |                                      | BENDELE  | 11-07-2000   |
|                       | 3                        | 6,117,392            |                                      | HANAWA et al.                                      | 09-12-2000   |
|                       | 4                        | 6,117,398            |                                      | BIENHAUS et al.                                    | 09-12-2000   |
|                       | 5                        | 6,117,683            |                                      | KODAMA et al.                                      | 09-12-2000   |
|                       | 6                        | 5,750,338            |                                      | COLLINS et al.                                     | 05-12-1998   |
|                       | 7                        | 6,033,880            |                                      | HAFF et al.  | 03-07-2000   |
|                       | 8                        | 6,096,272            |                                      | CLARK et al.                                       | 08-01-2000   |
|                       | 9                        | 6,110,678            |                                      | WEISBERG et al.                                    | 08-29-2000   |
|                       | 10                       | 6,027,691            |                                      | WATTS et al.                                       | 02-22-2000   |

## FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee of Applicant of Cited<br>Document | Date of<br>Publication of<br>Cited<br>Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       | 11                       | DE                          | G9405224.7          |                                 | KODAK AG   | 05-26-1994   |                |
|                       | 12                       | EP                          | 0 628 824           | A1                              | ORTHO DIAGNOSTIC SYSTEMS, INC.                     | 12-14-1994   |                |
|                       | 13                       | WO                          | 93/03383            |                                 | E.I. DU PONT DE NEMOURS AND<br>COMPANY             | 02-18-1993   |                |
|                       | 14                       | EP                          | 0502638             | A2                              | CIBA CORNING DIAGNOSTICS CORP                      | 09-09-1992   |                |
|                       | 15                       | WO                          | 93/25912            |                                 | MEDICAL RESEARCH COUNCIL                           | 12-23-1993   |                |

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

|  |   |    |    |                        |                   |
|--|---|----|----|------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |   |    |    | Complete if Known      |                   |
|  |   |    |    | Application Number     | 10/721,216        |
|  |   |    |    | Filing Date            | November 26, 2003 |
|  |   |    |    | First Named Inventor   | Ralph BURNS       |
|  |   |    |    | Group Art Unit         |                   |
|  |   |    |    | Examiner Name          |                   |
|  |   |    |    | Attorney Docket Number | 2599-104-C4       |
|  |   |    |    | Customer No.           | 6449              |
| Sheet  | 2 | of | 21 | Confirmation No.       |                   |

### U.S. PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 16                       | 5,571,325            |                                      | UEYAMA et al.                                      | 11-05-1996   |
|                       | 17                       | 5,826,129            |                                      | HASEBE et al.                                      | 10-20-1998   |
|                       | 18                       | 6,051,101            |                                      | OHTANI et al.                                      | 04-18-2000   |
|                       | 19                       | 6,033,574            |                                      | SIDDIQI  | 03-07-2000   |
|                       | 20                       | 5,948,691            |                                      | EKIRIWANG et al.                                   | 09-07-1999   |
|                       | 21                       | 5,985,670            |                                      | MARKIN   | 11-16-1999   |
|                       | 22                       | 5,985,671            |                                      | LEISTNER et al.                                    | 11-16-1999   |
|                       | 23                       | 5,985,672            |                                      | KEGELMAN et al.                                    | 11-16-1999   |
|                       | 24                       | 5,998,201            |                                      | MAES et al.  | 12-07-1999   |
|                       | 25                       | 5,470,744            |                                      | ASTLE  | 11-28-1995   |

### FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee of Applicant of<br>Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       | 26                       | EP                          | 0 136 126           | A2                              | CORNING GLASS WORKS                                | 04-03-1985   |                |
|                       | 27                       | JP                          | 63003265            |                                 | TOKYO SHIBAURA ELECTRIC<br>CO                      | 03-06-1990   | AB             |
|                       | 28                       | GB                          | 2 131 168           |                                 | JAPAN ELECTRON INSTRUMENTS<br>CORPORATION          | 06-13-1984   |                |
|                       | 29                       | EP                          | 0 513 618           |                                 | MILES INC.   | 11-19-1992   |                |
|                       | 30                       | EP                          | 0 171 140           | A2                              | UNIVERSITY OF TOKYO                                | 02-12-1986   |                |
|                       |                          |                             |                     |                                 |  |  |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

|  |   |    |    |                        |                   |
|--|---|----|----|------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |   |    |    | Complete if Known      |                   |
|  |   |    |    | Application Number     | 10/721,216        |
|  |   |    |    | Filing Date            | November 26, 2003 |
|  |   |    |    | First Named Inventor   | Ralph BURNS       |
|  |   |    |    | Group Art Unit         |                   |
|  |   |    |    | Examiner Name          |                   |
|  |   |    |    | Attorney Docket Number | 2599-104-C4       |
|  |   |    |    | Customer No.           | 6449              |
| Sheet  | 3 | of | 21 | Confirmation No.       |                   |

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 31                       | 5,897,783            |                                      | HOWE et al.  | 04-27-1999   |
|                       | 32                       | 4,170,625            |                                      | WELCH  | 10-09-979  |
|                       | 33                       | 4,895,650            |                                      | WANG   | 01-23-1990   |
|                       | 34                       | 5,482,861            |                                      | CLARK et al.                                       | 01-09-1996   |
|                       | 35                       | Re. 31,108           |                                      | GINSBERG et al.                                    | 12-21-1982   |
|                       | 36                       | Re. 31,150           |                                      | GINSBERG et al.                                    | 02-15-1983   |
|                       | 37                       | 749,104              |                                      | SCHOENEFELDT                                       | 01-05-1904   |
|                       | 38                       | 1,010,016            |                                      | CAMPAU   | 11-28-1911   |
|                       | 39                       | 3,504,376            |                                      | BENDNAR et al.                                     | 03-31-1970   |
|                       | 40                       | 3,562,962            |                                      | OHNO   | 02-16-1971   |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                                   |                   | Name of Patentee of Applicant of Cited<br>Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|-----------------------------------|-------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup><br>(if known) | Kind <sup>5</sup> |  |  |                |
|                       |                          |                             |                                   |                   |  |  |                |
|                       |                          |                             |                                   |                   |  |  |                |
|                       |                          |                             |                                   |                   |  |  |                |
|                       |                          |                             |                                   |                   |  |  |                |
|                       |                          |                             |                                   |                   |  |  |                |
|                       |                          |                             |                                   |                   |  |  |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

|  |   |    |    |                        |                   |
|--|---|----|----|------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |   |    |    | Complete if Known      |                   |
|  |   |    |    | Application Number     | 10/721,216        |
|  |   |    |    | Filing Date            | November 26, 2003 |
|  |   |    |    | First Named Inventor   | Ralph BURNS       |
|  |   |    |    | Group Art Unit         |                   |
|  |   |    |    | Examiner Name          |                   |
|  |   |    |    | Attorney Docket Number | 2599-104-C4       |
|  |   |    |    | Customer No.           | 6449              |
| Sheet  | 4 | of | 21 | Confirmation No.       |                   |

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 41                       | 3,565,582            |                                      | YOUNG  | 02-23-1971   |
|                       | 42                       | 3,644,095            |                                      | NETHELER et al.                                    | 02-22-1972   |
|                       | 43                       | 3,676,076            |                                      | GRADY  | 07-11-1972   |
|                       | 44                       | 3,754,444            |                                      | URE et al.   | 08-23-1973   |
|                       | 45                       | 3,883,305            |                                      | HOSKINS et al.                                     | 05-13-1975   |
|                       | 46                       | 3,985,649            |                                      | EDDELMAN   | 10-12-1976   |
|                       | 47                       | 4,039,288            |                                      | MORAN  | 08-02-1977   |
|                       | 48                       | 4,054,415            |                                      | SELIGSON et al.                                    | 10-18-1977   |
|                       | 49                       | 4,169,125            |                                      | RODRIGUEZ et al.                                   | 09-25-1979   |
|                       | 50                       | 4,234,539            |                                      | GINSBERG et al.                                    | 11-18-1980   |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee of Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

|  |   |    |    |                        |                   |
|--|---|----|----|------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |   |    |    | Complete if Known      |                   |
|  |   |    |    | Application Number     | 10/721,216        |
|  |   |    |    | Filing Date            | November 26, 2003 |
|  |   |    |    | First Named Inventor   | Ralph BURNS       |
|  |   |    |    | Group Art Unit         |                   |
|  |   |    |    | Examiner Name          |                   |
|  |   |    |    | Attorney Docket Number | 2599-104-C4       |
|  |   |    |    | Customer No.           | 6449              |
| Sheet  | 5 | of | 21 | Confirmation No.       |                   |

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 51                       | 4,235,840            |                                      | MENDOZA et al.                                     | 11-25-1980   |
|                       | 52                       | 4,268,477            |                                      | HERZSTARK  | 05-19-1981   |
|                       | 53                       | 4,276,051            |                                      | GINSBERG et al.                                    | 06-30-1981   |
|                       | 54                       | 4,298,571            |                                      | DIFULVIO et al.                                    | 11-03-1981   |
|                       | 55                       | 4,305,668            |                                      | BILBREY  | 12-15-1981   |
|                       | 56                       | 4,313,735            |                                      | YAMASHITA et al.                                   | 02-02-1982   |
|                       | 57                       | 4,315,891            |                                      | SAKURADA   | 02-16-1982   |
|                       | 58                       | 4,344,768            |                                      | PARKER et al.                                      | 08-17-1982   |
|                       | 59                       | 4,346,056            |                                      | SAKURADA   | 08-24-1982   |
|                       | 60                       | 4,366,119            |                                      | TAKEUCHI   | 12-28-1982   |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee of Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

|  |   |    |    |                        |                   |
|--|---|----|----|------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |   |    |    | Complete if Known      |                   |
|  |   |    |    | Application Number     | 10/721,216        |
|  |   |    |    | Filing Date            | November 26, 2003 |
|  |   |    |    | First Named Inventor   | Ralph BURNS       |
|  |   |    |    | Group Art Unit         |                   |
|  |   |    |    | Examiner Name          |                   |
|  |   |    |    | Attorney Docket Number | 2599-104-C4       |
|  |   |    |    | Customer No.           | 6449              |
| Sheet  | 6 | of | 21 | Confirmation No.       |                   |

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 61                       | 4,451,433            |                                      | YAMASHITA et al.                                   | 05-29-1985   |
|                       | 62                       | 4,459,265            |                                      | BERGLUND   | 07-10-1984   |
|                       | 63                       | 4,478,095            |                                      | BRADLEY et al.                                     | 10-23-1984   |
|                       | 64                       | 4,479,720            |                                      | MOCHIDA et al.                                     | 10-30-1984   |
|                       | 65                       | 4,483,823            |                                      | UMETSU et al.                                      | 11-20-1984   |
|                       | 66                       | 4,483,927            |                                      | TAKEKAWA   | 11-20-1984   |
|                       | 67                       | 4,497,774            |                                      | SCORDATO   | 02-05-1985   |
|                       | 68                       | 4,501,164            |                                      | STOCKDALE et al.                                   | 02-26-1985   |
|                       | 69                       | 4,528,159            |                                      | LISTON   | 07-09-1985   |
|                       | 70                       | 4,595,562            |                                      | LISTON et al.                                      | 06-17-1986   |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee of Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.



|  |   |    |    |                        |                   |
|--|---|----|----|------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |   |    |    | Complete if Known      |                   |
|  |   |    |    | Application Number     | 10/721,216        |
|  |   |    |    | Filing Date            | November 26, 2003 |
|  |   |    |    | First Named Inventor   | Ralph BURNS       |
|  |   |    |    | Group Art Unit         |                   |
|  |   |    |    | Examiner Name          |                   |
|  |   |    |    | Attorney Docket Number | 2599-104-C4       |
|  |   |    |    | Customer No.           | 6449              |
| Sheet  | 7 | of | 21 | Confirmation No.       |                   |

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 71                       | 4,612,289            |                                      | FURUTA et al.                                      | 09-16-1986   |
|                       | 72                       | 4,647,432            |                                      | WAKATAKE   | 03-03-1987   |
|                       | 73                       | 4,678,752            |                                      | THORNE et al.                                      | 07-07-1987   |
|                       | 74                       | 4,695,430            |                                      | COVILLE et al.                                     | 09-22-1987   |
|                       | 75                       | 4,699,766            |                                      | YAMASHITA  | 10-13-1987   |
|                       | 76                       | 4,731,225            |                                      | WAKATAKE   | 03-15-1988   |
|                       | 77                       | 4,747,693            |                                      | KAHL   | 05-31-1988   |
|                       | 78                       | 4,761,268            |                                      | ANDERSEN et al.                                    | 08-02-1988   |
|                       | 79                       | 4,764,342            |                                      | KELLN et al.                                       | 08-16-1988   |
|                       | 80                       | 4,774,055            |                                      | WAKATAKE et al.                                    | 09-27-1988   |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee of Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

|  |   |    |    |                        |                   |
|--|---|----|----|------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |   |    |    | Complete if Known      |                   |
|  |   |    |    | Application Number     | 10/721,216        |
|  |   |    |    | Filing Date            | November 26, 2003 |
|  |   |    |    | First Named Inventor   | Ralph BURNS       |
|  |   |    |    | Group Art Unit         |                   |
|  |   |    |    | Examiner Name          |                   |
|  |   |    |    | Attorney Docket Number | 2599-104-C4       |
|  |   |    |    | Customer No.           | 6449              |
| Sheet  | 8 | of | 21 | Confirmation No.       |                   |

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 81                       | 4,781,891            |                                      | GALLE  | 11-01-1988   |
|                       | 82                       | 4,834,944            |                                      | WAKATAKE   | 05-30-1989   |
|                       | 83                       | 4,844,868            |                                      | ROKUGAWA   | 07-04-1989   |
|                       | 84                       | 4,848,917            |                                      | BENIN et al.                                       | 07-18- 1989  |
|                       | 85                       | 4,855,110            |                                      | MARKER et al.                                      | 08-08-1989   |
|                       | 86                       | 4,865,986            |                                      | COY et al.   | 09-12-1989   |
|                       | 87                       | 4,883,644            |                                      | PERLMAN  | 11-28-1989   |
|                       | 88                       | 4,908,186            |                                      | SAKAMAKI   | 03-13-1990   |
|                       | 89                       | 4,908,320            |                                      | ZAKOWSKI et al.                                    | 03-13-1990   |
|                       | 90                       | 4,919,887            |                                      | WAKATAKE   | 04-24-1990   |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee of Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

|  |   |    |    |                        |                   |
|--|---|----|----|------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |   |    |    | Complete if Known      |                   |
|  |   |    |    | Application Number     | 10/721,216        |
|  |   |    |    | Filing Date            | November 26, 2003 |
|  |   |    |    | First Named Inventor   | Ralph BURNS       |
|  |   |    |    | Group Art Unit         |                   |
|  |   |    |    | Examiner Name          |                   |
|  |   |    |    | Attorney Docket Number | 2599-104-C4       |
|  |   |    |    | Customer No.           | 6449              |
| Sheet  | 9 | of | 21 | Confirmation No.       |                   |

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 91                       | 4,961,906            |                                      | ANDERSEN et al.                                    | 10-09-1990   |
|                       | 92                       | 4,965,049            |                                      | LILLIG et al.                                      | 10-23-1990   |
|                       | 93                       | 5,051,238            |                                      | UMETSU et al.                                      | 09-24-1991   |
|                       | 94                       | 5,084,242            |                                      | SAKUMA et al.                                      | 01-28-1992   |
|                       | 95                       | 5,104,231            |                                      | COLLIER et al.                                     | 04-14-1992   |
|                       | 96                       | 5,104,621            |                                      | PFOST et al.                                       | 04-14-1992   |
|                       | 97                       | 5,104,807            |                                      | MITSUMAKI et al.                                   | 04-14-1992   |
|                       | 98                       | 5,104,808            |                                      | LASKA et al.                                       | 04-14-1992   |
|                       | 99                       | 5,122,343            |                                      | ISHIZAKA et al.                                    | 06-16-1992   |
|                       | 100                      | 5,128,103            |                                      | WANG et al.  | 07-07-1992   |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee of Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

|  |    |    |    |                        |                   |
|--|----|----|----|------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |    |    |    | Complete if Known      |                   |
|  |    |    |    | Application Number     | 10/721,216        |
|  |    |    |    | Filing Date            | November 26, 2003 |
|  |    |    |    | First Named Inventor   | Ralph BURNS       |
|  |    |    |    | Group Art Unit         |                   |
|  |    |    |    | Examiner Name          |                   |
|  |    |    |    | Attorney Docket Number | 2599-104-C4       |
|  |    |    |    | Customer No.           | 6449              |
| Sheet  | 10 | of | 21 | Confirmation No.       |                   |

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 101                      | 5,139,743            |                                      | ISHIZAKA et al.                                    | 08-18-1992   |
|                       | 102                      | 5,141,871            |                                      | KURESHY et al.                                     | 08-25-1992   |
|                       | 103                      | 5,147,610            |                                      | WATANABE et al.                                    | 09-15-1992   |
|                       | 104                      | 5,154,889            |                                      | MURAISHI   | 10-13-1992   |
|                       | 105                      | 5,167,448            |                                      | HEROLD et al.                                      | 12-01-1992   |
|                       | 106                      | 5,183,638            |                                      | WAKATAKE   | 02-02-1993   |
|                       | 107                      | 5,186,827            |                                      | LIBERTI et al.                                     | 02-16-1993   |
|                       | 108                      | 5,192,505            |                                      | SAKAGAMI   | 03-09-1993   |
|                       | 109                      | 5,192,506            |                                      | KURESHY et al.                                     | 03-09-1993   |
|                       | 110                      | 5,207,987            |                                      | KURESHY et al.                                     | 05-04-1993   |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee of Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

|  |    |    |    |                        |                   |
|--|----|----|----|------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |    |    |    | Complete if Known      |                   |
|  |    |    |    | Application Number     | 10/721,216        |
|  |    |    |    | Filing Date            | November 26, 2003 |
|  |    |    |    | First Named Inventor   | Ralph BURNS       |
|  |    |    |    | Group Art Unit         |                   |
|  |    |    |    | Examiner Name          |                   |
|  |    |    |    | Attorney Docket Number | 2599-104-C4       |
|  |    |    |    | Customer No.           | 6449              |
| Sheet  | 11 | of | 21 | Confirmation No.       |                   |

### U.S. PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 111                      | 5,215,714            |                                      | OKADA et al.                                       | 06-01-1993   |
|                       | 112                      | 5,240,678            |                                      | LITSCHKE   | 08-31-1993   |
|                       | 113                      | 5,240,679            |                                      | STETTLER   | 08-31-1993   |
|                       | 114                      | 5,246,665            |                                      | TYRANSKI et al.                                    | 09-21-1993   |
|                       | 115                      | 5,260,028            |                                      | ASTLE  | 11-09-1993   |
|                       | 116                      | 5,270,210            |                                      | WEYRAUCH et al.                                    | 12-14-1993   |
|                       | 117                      | 5,277,871            |                                      | FUJI et al.  | 01-11-1994   |
|                       | 118                      | 5,294,404            |                                      | GRANDONE et al.                                    | 03-15-1994   |
|                       | 119                      | 5,314,663            |                                      | MIMURA   | 05-24-1994   |
|                       | 120                      | 5,314,825            |                                      | WEYRAUCH et al.                                    | 05-24-1994   |
|                       | 121                      | 5,316,726            |                                      | BABSON et al.                                      | 05-31-1994   |
|                       | 122                      | 5,318,914            |                                      | MATTE et al.                                       | 06-07-1994   |

### FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee of Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

L:\2599\2599-104\Con4\2599-104-C4.SB8.wpd

|  |    |    |    |                        |                   |
|--|----|----|----|------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |    |    |    | Complete if Known      |                   |
|  |    |    |    | Application Number     | 10/721,216        |
|  |    |    |    | Filing Date            | November 26, 2003 |
|  |    |    |    | First Named Inventor   | Ralph BURNS       |
|  |    |    |    | Group Art Unit         |                   |
|  |    |    |    | Examiner Name          |                   |
|  |    |    |    | Attorney Docket Number | 2599-104-C4       |
|  |    |    |    | Customer No.           | 6449              |
| Sheet  | 12 | of | 21 | Confirmation No.       |                   |

### U.S. PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 123                      | 5,320,809            |                                      | DUNN et al.  | 06-14-1994   |
|                       | 124                      | 5,320,966            |                                      | MITSUMAKI et al.                                   | 06-14-1994   |
|                       | 125                      | 5,324,481            |                                      | DUNN et al.  | 06-28-1994   |
|                       | 126                      | 5,332,549            |                                      | MACINDOE, JR.                                      | 07-26-1994   |
|                       | 127                      | 5,358,691            |                                      | CLARK et al.                                       | 10-25-1994   |
|                       | 128                      | 5,360,741            |                                      | HUNNELL  | 11-01-1994   |
|                       | 129                      | 5,380,666            |                                      | WUERSCHUM  | 01-10-1995   |
|                       | 130                      | 5,384,094            |                                      | SCHACHER   | 01-24-1995   |
|                       | 131                      | 5,415,839            |                                      | ZAUN et al.  | 05-16-1995   |
|                       | 132                      | 5,415,840            |                                      | SANO et al.  | 05-16-1995   |
|                       | 133                      | 5,419,871            |                                      | MUSZAK et al.                                      | 05-30-1995   |
|                       | 134                      | 5,424,212            |                                      | PINSL-OBBER et al.                                 | 06-13-1995   |

### FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee of Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

L:\2599\2599-104\Con4\2599-104-C4.SB8.wpd

|  |    |    |    |                        |                   |
|--|----|----|----|------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |    |    |    | Complete if Known      |                   |
|  |    |    |    | Application Number     | 10/721,216        |
|  |    |    |    | Filing Date            | November 26, 2003 |
|  |    |    |    | First Named Inventor   | Ralph BURNS       |
|  |    |    |    | Group Art Unit         |                   |
|  |    |    |    | Examiner Name          |                   |
|  |    |    |    | Attorney Docket Number | 2599-104-C4       |
|  |    |    |    | Customer No.           | 6449              |
| Sheet  | 13 | of | 21 | Confirmation No.       |                   |

### U.S. PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 135                      | 5,434,083            |                                      | MITSUMAKI et al.                                   | 07-18-1995   |
|                       | 136                      | 5,439,646            |                                      | TANIMIZU et al.                                    | 08-08-1995   |
|                       | 137                      | 5,445,794            |                                      | WIHLBORG   | 08-29-1995   |
|                       | 138                      | 5,451,528            |                                      | RAYMOURE et al.                                    | 09-19-1995   |
|                       | 139                      | 5,466,574            |                                      | LIBERTI et al.                                     | 11-14-1995   |
|                       | 140                      | 5,482,839            |                                      | ASHIHARA et al.                                    | 01-09-1996   |
|                       | 141                      | 5,525,300            |                                      | DANSSAERT et al.                                   | 06-11-1996   |
|                       | 142                      | 5,536,475            |                                      | MOUBAYED et al.                                    | 07-16-1996   |
|                       | 143                      | 5,558,839            |                                      | MATTE et al.                                       | 09-24-1996   |
|                       | 144                      | 5,567,595            |                                      | KOK  | 10-22-1996   |
|                       | 145                      | 5,571,481            |                                      | POWELL et al.                                      | 11-05-1996   |
|                       | 146                      | 5,575,976            |                                      | CHOPERENA et al.                                   | 11-19-1996   |

### FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee of Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

|  |    |    |    |                        |                   |
|--|----|----|----|------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |    |    |    | Complete if Known      |                   |
|  |    |    |    | Application Number     | 10/721,216        |
|  |    |    |    | Filing Date            | November 26, 2003 |
|  |    |    |    | First Named Inventor   | Ralph BURNS       |
|  |    |    |    | Group Art Unit         |                   |
|  |    |    |    | Examiner Name          |                   |
|  |    |    |    | Attorney Docket Number | 2599-104-C4       |
|  |    |    |    | Customer No.           | 6449              |
| Sheet  | 14 | of | 21 | Confirmation No.       |                   |

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 147                      | 5,576,215            |                                      | BURNS et al.                                       | 11-19-1996   |
|                       | 148                      | 5,578,269            |                                      | YAREMOKO et al.                                    | 11-26-1996   |
|                       | 149                      | 5,580,524            |                                      | FORREST et al.                                     | 12-03-1999   |
|                       | 150                      | 5,585,068            |                                      | PANETZ et al.                                      | 12-17-1996   |
|                       | 151                      | 5,587,129            |                                      | KUROSAKI et al.                                    | 12-24-1996   |
|                       | 152                      | 5,595,707            |                                      | COPELAND et al.                                    | 01-21-1997   |
|                       | 153                      | 5,599,501            |                                      | CAREY et al.                                       | 02-04-1997   |
|                       | 154                      | 5,605,665            |                                      | CLARK et al.                                       | 02-25-1997   |
|                       | 155                      | 5,610,069            |                                      | CLARK et al.                                       | 03-11-1997   |
|                       | 156                      | 5,620,898            |                                      | YAREMKO et al.                                     | 04-15-1997   |
|                       | 157                      | 5,635,364            |                                      | CLARK et al.                                       | 06-03-1997   |
|                       | 158                      | 5,637,275            |                                      | CAREY et al.                                       | 06-10-1997   |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee of Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.



|  |    |    |    |                        |                   |
|--|----|----|----|------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |    |    |    | Complete if Known      |                   |
|  |    |    |    | Application Number     | 10/721,216        |
|  |    |    |    | Filing Date            | November 26, 2003 |
|  |    |    |    | First Named Inventor   | Ralph BURNS       |
|  |    |    |    | Group Art Unit         |                   |
|  |    |    |    | Examiner Name          |                   |
|  |    |    |    | Attorney Docket Number | 2599-104-C4       |
|  |    |    |    | Customer No.           | 6449              |
| Sheet  | 15 | of | 21 | Confirmation No.       |                   |

### U.S. PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 159                      | 5,639,425            |                                      | KOMIYAMA et al.                                    | 06-17-1997   |
|                       | 160                      | 5,646,049            |                                      | TAYI   | 07-08-1997   |
|                       | 161                      | 5,653,940            |                                      | CAREY et al.                                       | 08-05-1997   |
|                       | 162                      | 5,658,799            |                                      | CHOPERENA et al.                                   | 08-19-1997   |
|                       | 163                      | 5,670,114            |                                      | SAKAZUME et al.                                    | 09-23-1997   |
|                       | 164                      | 5,670,120            |                                      | DEGENHARDT et al.                                  | 09-23-1997   |
|                       | 165                      | 5,677,188            |                                      | MITSUMAKI et al.                                   | 10-14-1997   |
|                       | 166                      | 5,679,309            |                                      | BELL   | 10-21-1997   |
|                       | 167                      | 5,681,530            |                                      | KUSTER et al.                                      | 10-28-1997   |
|                       | 168                      | 5,693,292            |                                      | CHOPERENA et al.                                   | 12-02-1997   |
|                       | 169                      | 5,698,450            |                                      | RINGROSE et al.                                    | 12-16-1997   |
|                       | 170                      | 5,702,950            |                                      | TAJIMA   | 12-30-1997   |

### FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee of Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

L:\2599\2599-104\Con4\2599-104-C4.SB8.wpd

|  |    |    |    |                        |                   |
|--|----|----|----|------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |    |    |    | Complete if Known      |                   |
|  |    |    |    | Application Number     | 10/721,216        |
|  |    |    |    | Filing Date            | November 26, 2003 |
|  |    |    |    | First Named Inventor   | Ralph BURNS       |
|  |    |    |    | Group Art Unit         |                   |
|  |    |    |    | Examiner Name          |                   |
|  |    |    |    | Attorney Docket Number | 2599-104-C4       |
|  |    |    |    | Customer No.           | 6449              |
| Sheet  | 16 | of | 21 | Confirmation No.       |                   |

### U.S. PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 171                      | 5,705,062            |                                      | KNOBEL   | 01-06-1998   |
|                       | 172                      | 5,720,923            |                                      | HAFF et al.  | 02-24-1998   |
|                       | 173                      | 5,730,938            |                                      | CARBONARI et al.                                   | 03-24-1998   |
|                       | 174                      | 5,730,939            |                                      | KURUMADA et al.                                    | 03-24-1998   |
|                       | 175                      | 5,736,105            |                                      | ASTLE  | 04-07-1998   |
|                       | 176                      | 5,738,827            |                                      | MARQUISS   | 04-14-1998   |
|                       | 177                      | 5,741,461            |                                      | TAKAHASHI et al.                                   | 04-21-1998   |
|                       | 178                      | 5,746,977            |                                      | IMAI et al.  | 05-05-1998   |
|                       | 179                      | 5,762,872            |                                      | BUHLER et al.                                      | 06-09-1998   |
|                       | 180                      | 5,762,873            |                                      | FANNING et al.                                     | 06-09-1998   |
|                       | 181                      | 5,773,662            |                                      | IMAI et al.  | 06-30-1998   |
|                       | 182                      | 5,779,981            |                                      | DANSSAERT et al.                                   | 07-14-1998   |

### FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee of Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

L:\2599\2599-104\Con4\2599-104-C4.SB8.wpd

|  |    |    |    |                          |                   |
|--|----|----|----|--------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |    |    |    | <i>Complete if Known</i> |                   |
|  |    |    |    | Application Number       | 10/721,216        |
|  |    |    |    | Filing Date              | November 26, 2003 |
|  |    |    |    | First Named Inventor     | Ralph BURNS       |
|  |    |    |    | Group Art Unit           |                   |
|  |    |    |    | Examiner Name            |                   |
|  |    |    |    | Attorney Docket Number   | 2599-104-C4       |
|  |    |    |    | Customer No.             | 6449              |
| Sheet  | 17 | of | 21 | Confirmation No.         |                   |

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 183                      | 5,786,182            |                                      | CATANZARITI et al.                                 | 07-28-1998   |
|                       | 184                      | 5,789,252            |                                      | FUJITA et al.                                      | 08-04-1998   |
|                       | 185                      | 5,795,547            |                                      | MOSER et al.                                       | 08-18-1998   |
|                       | 186                      | 5,806,523            |                                      | WATTS et al.                                       | 09-15-1998   |
|                       | 187                      | 5,814,277            |                                      | BELL et al.  | 09-29-1998   |
|                       | 188                      | 5,827,478            |                                      | CAREY et al.                                       | 10-27-1998   |
|                       | 189                      | 5,827,479            |                                      | YAMAZAKI et al.                                    | 10-27-1998   |
|                       | 190                      | 5,843,376            |                                      | ISHIHARA et al.                                    | 12-01-1998   |
|                       | 191                      | 5,846,491            |                                      | CHOPERENA et al.                                   | 12-08-1998   |
|                       | 192                      | 5,849,247            |                                      | UZAN et al.  | 12-15-1998   |
|                       | 193                      | 5,855,847            |                                      | OONUMA et al.                                      | 01-05-1999   |
|                       | 194                      | 5,863,506            |                                      | FARREN   | 01-26-1999   |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee of Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

|  |    |    |    |                        |                   |
|--|----|----|----|------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |    |    |    | Complete if Known      |                   |
|  |    |    |    | Application Number     | 10/721,216        |
|  |    |    |    | Filing Date            | November 26, 2003 |
|  |    |    |    | First Named Inventor   | Ralph BURNS       |
|  |    |    |    | Group Art Unit         |                   |
|  |    |    |    | Examiner Name          |                   |
|  |    |    |    | Attorney Docket Number | 2599-104-C4       |
|  |    |    |    | Customer No.           | 6449              |
| Sheet  | 18 | of | 21 | Confirmation No.       |                   |

### U.S. PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 195                      | 5,876,668            |                                      | KAWASHIMA et al.                                   | 03-02-1999   |
|                       | 196                      | 5,882,596            |                                      | BREESER et al.                                     | 03-16-1999   |
|                       | 197                      | 5,882,918            |                                      | GOFFE  | 03-16-1999   |
|                       | 198                      | 5,885,353            |                                      | STRODTBECK et al.                                  | 03-23-1999   |
|                       | 199                      | 5,773,268            |                                      | KORENBERG et al.                                   | 06-30-1998   |
|                       | 200                      | 5,656,493            |                                      | MULLIS et al.                                      | 08-12-1997   |
|                       | 201                      | 5,714,380            |                                      | NERI et al.  | 02-03-1998   |
|                       | 202                      | 6,042,786            |                                      | OONUMA et al.                                      | 03-28-2000   |
|                       | 203                      | 6,300,068            | B1                                   | BURG et al.  | 10-09-2001   |
|                       | 204                      | 5,232,669            | A                                    | PARDINAS   | 08-03-1993   |
|                       | 205                      | 5,306,510            | A                                    | MELTZER  | 04-26-1994   |
|                       | 206                      | 5,443,791            | A                                    | CATHCART et al.                                    | 08-22-1995   |

### FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee of Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

L:\2599\2599-104\Con4\2599-104-C4.SB8.wpd

|   |    |    |    |                        |                   |
|---|----|----|----|------------------------|-------------------|
| *****<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |    |    |    | Complete if Known      |                   |
|   |    |    |    | Application Number     | 10/721,216        |
|   |    |    |    | Filing Date            | November 26, 2003 |
|   |    |    |    | First Named Inventor   | Ralph BURNS       |
|   |    |    |    | Group Art Unit         |                   |
|   |    |    |    | Examiner Name          |                   |
|   |    |    |    | Attorney Docket Number | 2599-104-C4       |
|   |    |    |    | Customer No.           | 6449              |
| Sheet   | 19 | of | 21 | Confirmation No.       |                   |

### U.S. PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 207                      | 5,582,796            | A                                    | CAREY et al.                                       | 12-10-1996   |
|                       | 208                      | 5,988,869            | A                                    | DAVIDSON et al.                                    | 11-23-1999   |
|                       | 209                      | 6,086,827            | A                                    | HORNER et al.                                      | 07-11-2000   |
|                       | 210                      | 5,389,339            |                                      | PETSCHEK et al.                                    | 02-14-1995   |
|                       | 211                      | 6,056,923            |                                      | DIAMOND et al.                                     | 05-02-2000   |
|                       | 212                      | 5,401,465            |                                      | SMETHERS et al.                                    | 03-28-1995   |
|                       | 213                      | 5,885,530            |                                      | BABSON et al.                                      | 03-23-1999   |
|                       | 214                      | 5,686,046            |                                      | MALEK et al.                                       | 11-11-1997   |
|                       | 215                      | 4,755,055            |                                      | JOHNSON et al.                                     | 07-05-1988   |
|                       | 216                      | 5,716,583            |                                      | SMETHERS et al.                                    | 02-10-1998   |
|                       | 217                      | 5,223,218            |                                      | FUKUOKA et al.                                     | 06-29-1993   |
|                       | 218                      | 5,837,195            |                                      | MALEK et al.                                       | 11-17-1998   |

### FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee of Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.  
<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

|  |    |    |    |                        |                   |
|--|----|----|----|------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |    |    |    | Complete if Known      |                   |
|  |    |    |    | Application Number     | 10/721,216        |
|  |    |    |    | Filing Date            | November 26, 2003 |
|  |    |    |    | First Named Inventor   | Ralph BURNS       |
|  |    |    |    | Group Art Unit         |                   |
|  |    |    |    | Examiner Name          |                   |
|  |    |    |    | Attorney Docket Number | 2599-104-C4       |
|  |    |    |    | Customer No.           | 6449              |
| Sheet  | 20 | of | 21 | Confirmation No.       |                   |

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 219                      | 5,139,745            |                                      | BARR et al.  | 08-18-1992   |
|                       | 220                      | 4,291,230            |                                      | HEISS  | 09-22-1981   |
|                       | 221                      | 5,082,628            |                                      | ANDREOTTI et al.                                   | 01-21-1992   |
|                       | 222                      | 5,043,141            |                                      | WILSON et al.                                      | 08-27-1991   |
|                       | 223                      | 5,447,687            |                                      | LEWIS et al.                                       | 09-05-1995   |
|                       | 224                      | 6,436,349            | B1                                   | CAREY et al.                                       | 08-20-2002   |
|                       | 225                      | 6,377,342            | B1                                   | COEURVILLE   | 04-23-2002   |
|                       | 226                      | 4,647,199            |                                      | FERBER et al.                                      | 03-03-1987   |
|                       |                          |                      |                                      |  |  |
|                       |                          |                      |                                      |  |  |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee of Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |
|                       |                          |                             |                     |                                 |  |  |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

|  |                          |  |    |                        |                   |
|--|--------------------------|--|----|------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT<br/>(PTO/SB/08)</b> |                          |  |    | Complete if Known      |                   |
|  |                          |  |    | Application Number     | 10/721,216        |
|  |                          |  |    | Filing Date            | November 26, 2003 |
|  |                          |  |    | First Named Inventor   | Ralph BURNS       |
|  |                          |  |    | Group Art Unit         |                   |
|  |                          |  |    | Examiner Name          |                   |
|  |                          |  |    | Attorney Docket Number | 2599-104-C4       |
|  |                          |  |    | Customer No.           | 6449              |
| Sheet  | 21                       | of   | 21 | Confirmation No.       |                   |
| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS                        |                          |  |    |                        |                   |
| Examiner<br>Initials*  | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |    |                        | T <sup>2</sup>    |
|  | 227                      | VAN GEMEN et al., "The One-tube Quantitative HIV-1 RNA NASBA: Precision, Accuracy, and Application", PCR Methods and Applications, 4:S177-S184 (Cold Spring Harbor Laboratory 1994)  |    |                        |                   |
|  |                          |  |    |                        |                   |
|  |                          |  |    |                        |                   |
|  |                          |  |    |                        |                   |
|  |                          |  |    |                        |                   |
|  |                          |  |    |                        |                   |
|  |                          |  |    |                        |                   |
|  |                          |  |    |                        |                   |
|  |                          |  |    |                        |                   |
|  |                          |  |    |                        |                   |
|  |                          |  |    |                        |                   |
|  |                          |  |    |                        |                   |
|  |                          |  |    |                        |                   |
|  |                          |  |    |                        |                   |
| Examiner<br>Signature  |                          |  |    | Date<br>Considered     |                   |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.